REMARKS/ARGUMENTS

Favorable reconsideration of this application in light of the following discussion is respectfully requested.

Claims 1-22 are presently active in this case. Claims 1, 3-5, 7, 11 and 12 were rejected under 35 USC §102(b) as being anticipated by Letchak et al (5,661,463); Claims18-20 were rejected under 35 USC §103(a) as being unpatentable over Letchak et al in combination with Powell et al (4,719,550); and Claims 2, 6, 8-10, 13-17, 21 and 22 were objected to as being dependent upon a rejected base claim, but otherwise indicated as being allowable if rewritten in independent form.

Applicants acknowledge with appreciation the indication of allowable subject matter. However, since Applicants consider that the independent claims patentably define over the cited are, Claims 2, 6, 8-10, 13-17, 21 and 22 have presently been maintained in dependent form.

Turning now to the applied Letchak et al. patent, in regard to rejection of Claim 1, the outstanding Office Action identifies particular passages relied upon in regard to particular. In particular, the outstanding Office Action relies on Col. 1, line 10 to col. 2, line 10 and col. 7, of Letchak et al. as disclosing communicating means for notifying said electronic device of information indicative of the state of said rechargeable battery detected by said battery state monitoring unit. While Col. 7 of Letchak et al. does disclose that "the AMR device 10 has a capability to communicate to the host," it should be understood that the host with which the device 10 communicates is different from the electronic device of Claim 1 which is powered by the power supply unit of the uninterruptible power supply and by the rechargeable battery unit upon a service interruption. In fact, it is respectfully submitted that Letchak et al fail to teach a communication means for notifying an electronic device supplied with power from a rechargeable battery upon a service interruption with information detected by a battery state

monitoring unit, which information is indicative of the state of the rechargeable battery. In the absence of such a teaching, it is respectfully submitted that the outstanding rejection of Claim 1 is traversed.

In regard to Claim 3, the outstanding Office Action further relies on Col. 5, lines 19-39 of Letchak et al. as disclosing a battery state monitoring unit comprised of functions of detecting a battery voltage, a charge current and/or a battery temperature of said rechargeable battery cells, determining a fully charged state of said rechargeable battery cells based on the information detected thereby, and calculating a charge capacity and/or a lifetime of said rechargeable battery cells. Although Col. 5 of Letchak et al. discloses "monitoring the ambient temperature to help determine the environmental conditions for battery plant," this cited passage fails to disclose using such temperature information for determination of a fully charged state, and accordingly the reliance on the noted Col. 5 teaching of Letchak et al. is believed to be erroneous, and the rejection of Claim 3 is traversed.

In regard to Claim 5, the outstanding Office Action relies on Col. 5, lines 19-39 Letchak et al. as disclosing the communication means notifies said electronic device of at least one of a battery voltage, a battery temperature, a charge current, a discharge current, a battery capacity, a lifetime, the number of discharges, and a replacement time of said rechargeable battery cells, as said information indicative of the state of said rechargeable battery cells. Although Letchak et al. detect temperature information as mentioned above, Letchak et al. fail to clearly show providing such temperature information to the electronic device of the type as defined in Claim 4. Accordingly, the outstanding rejection of Claim 4 is traversed.

In regard to Claim 5, the outstanding Office Action relies on Col. 5, lines 19-60 of Letchak et al. as disclosing the rechargeable battery unit includes a charge controller for controlling charging of said rechargeable battery cells in accordance with a battery voltage

and/or a battery temperature of said rechargeable battery cells detected by said battery state monitoring unit. Although Col. 5 of Letchak et al. describes a "determination of the state of operation of the monitored battery plant based on battery voltage information and temperature information," Letchak et al. fail to disclose a charging control, and hence the outstanding rejection of Claim 5 is traversed.

In regard to Claim 7, the outstanding rejection relies on Col. 5, lines 55-60 of Letchak et al. as disclosing the rechargeable battery unit comprises a power supply monitoring unit for monitoring a state of said power supply unit. However, it is respectfully submitted that the device 10 of Letchak et al. fails to clearly show a "power supply unit." Thus, Applicants consider that Letchak et al. do not monitor a state of the power supply unit. Therefore, the outstanding rejection of Claim 7 is traversed.

The outstanding rejection of Claim 11 relies on Col. 5, lines 19-27 of Letchak et al. as disclosing the power supply unit and/or said rechargeable battery unit comprise an alarm function for detecting an interruption of the AC power supplied from the outside to inform the interrupted AC power. The outstanding rejection of Claim 12 relies on Col. 8 , lines 1-2 of Letchak et al. as disclosing the alarm function includes means for informing the interrupted AC power through a visual display and/or rumbling; and resetting means for stopping said information. Although the device 10 of Letchak et al. includes an A.C. power detection module 12 and alarm message generating means, Letchak et al. fail to disclose "detecting an interruption of AC power" in the cited portions. Thus, the outstanding rejections of Claims 11-12 are also traversed.

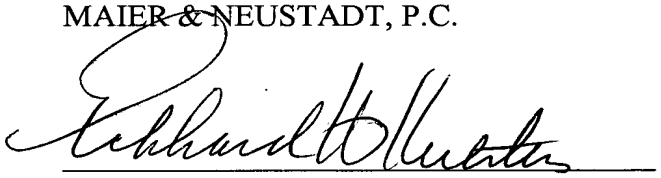
In regard to the rejection of Claims 18 and 19, in which the Powell et al. reference was relied upon for teaching at Col. 12, lines 2-39 a cooling fan incorporated in a housing for cooling down, Applicants note that although Powell et al. disclose a cooling fan 306 (Fig. 10B), Powell et al. fail to clearly disclose "incorporating a fan in a housing," and Powell et al.

do not teach a fan lifetime detecting function. Accordingly, the outstanding rejections of Claims 18 and 19 is also traversed.

Consequently, in view of the in view of the above comments, it is respectfully submitted that the outstanding grounds for rejection are traversed and that the pending claims are in condition for allowance. An early and favorable action to that effect is respectfully requested.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



Eckhard H. Kuesters
Registration No. 28,870

Customer Number
22850

Fax: (703) 413 -2220
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